Listing of Claims

1. (Presently Amended) A mobile station for a mobile telecommunications system comprising:

a handset;

a headset for connection to a handset;

the handset including ~~RIF~~ a transceiver ~~means~~ for transmitting an outgoing call and receiving an incoming call, a processor ~~means~~ coupled to the ~~RIF~~ transceiver ~~means~~ for providing audio signals on a first audio path to a first audio transducer ~~means~~ in the handset and on a second audio path to a second audio transducer ~~means~~ in the headset; ~~and characterized in that:~~

~~the headset and/or the handset includes~~ a first switch ~~means arranged~~ dispose in at least one of the headset and the handset, said switch configured such that the operation thereof has the effect both of initiating and/or accepting a call, and of routing audio signals to a selected one of the first and second audio paths.

2. (Presently Amended) A mobile station according to claim 1, wherein the audio transducer ~~means~~ in the headset and handset each comprise a microphone and a loudspeaker.

3. (Presently Amended) A mobile station according to claim 1, further comprising a second switch and wherein the first ~~mentioned~~ switch ~~means~~ is located in the handset and configured to initiate and/or accept a call and route it on the first audio path and ~~a~~ the second switch ~~means having similar functions~~ is located in the headset and configured to initiate and/or accept a call and route it on said second audio path.

4. (Presently Amended) A mobile station according to claim 1, further including a switch controller ~~means~~ in the processor ~~means~~ responsive to operation of the first ~~mentioned~~ switch ~~means~~ for operating respective further switches ~~means~~ in the first audio path and in the second audio path ~~for selection thereof~~.

5. (Presently Amended) A mobile station according to claim 1, wherein ~~further~~ operation of ~~the~~ first switch ~~means~~ during a call routed on the first audio path is operative to terminate a call.

6. (Presently Amended) A mobile station according to claim 3, ~~wherein the first switch means is located in the handset and a second switch means having similar functions is located in the headset, and~~ wherein operation of the first switch ~~means~~ followed by operation of the second switch ~~means~~, or vice versa, is effective to select the other of the selected one of the first and second audio paths.

7. (Presently Amended) A mobile station according to claim 1, arranged such that further operation of the first ~~mentioned~~ switch during a call routed on the selected audio path ~~means is operative to terminate~~ terminates a call.

8. (Presently Amended) A mobile station for a mobile telecommunications system comprising;

a handset; ~~and~~

a headset for connection to the handset;

the handset including ~~RIF~~ a transceiver ~~means~~ for transmitting an outgoing call and receiving an incoming call, a processor ~~means~~ coupled to the ~~RIF~~ transceiver ~~means~~ for providing audio signals on a first audio path to a first audio transducer ~~means~~ in the handset and on a second audio path to a second audio transducer ~~means~~ in the headset.~~,~~; and ~~characterized in that:~~

~~the headset and/or the handset includes~~ a first switch ~~means~~ operative upon receipt of an incoming call to accept the call; and

a second switch ~~means~~ manually operable independently of the act of connecting the headset to said handset; for toggling the audio path to a selected one of the first audio path and the second audio path.

9. (Presently Amended) A mobile station for a mobile telecommunications system comprising:

a handset;

a headset for connection to the handset;

the handset including an RF transceiver ~~means~~ for transmitting an outgoing call and receiving an incoming call, a processor ~~means~~ coupled to the RF transceiver ~~means~~ for providing audio signals on a first audio path to an audio transducer ~~means~~ in the handset and on a second audio path ~~for~~ to an audio transducer ~~means~~ in the headset~~, characterized by~~;

detecting means ~~(S,T)~~ for detecting use of the headset or handset by the user ~~and coupled to audio path control means for~~ and automatically enabling the respective first or second audio path responsive to the detection.

10. (Presently Amended) A mobile station according to claim 9, wherein the detecting means comprises a capacitance sensing means located in the handset for detecting proximity of a user's head to the handset.

11. (Presently Amended) A mobile station according to claim 9, wherein the detecting means comprises infrared sensing means located in the handset for detecting proximity of a user's head to the handset.

12. (Presently Amended) A mobile station according to claim 9, wherein the detecting means comprises acoustic impedance sensing means located in the handset for detecting of a user's head to the handset.

13. (Presently Amended) A mobile station according to claim 9, wherein the headset comprises a head band for securing the headset to a user's head and wherein the detecting means comprises a sensor ~~sensing means~~ located in the headboard ~~of the handset~~ for detecting tension in the headband ~~use on a user's head~~.

14. (Cancelled)

15. (Presently Amended) A method of operating a mobile station for a mobile telecommunications system, the mobile station comprising a handset and a headset for connection to the handset, the handset including a ~~RIF~~ transceiver ~~means~~ for transmitting an outgoing call and receiving an incoming call, a processor ~~means~~ coupled to the ~~RIF~~ transceiver ~~means~~ for providing audio signals on a first audio path to an audio transducer ~~means~~ in the headset, a first switch and a second switch ~~means for accepting or initiating a call~~, the method comprising the steps of: ¶

monitoring the handset for receipt of an incoming call and~~, if detected, operating said switch means to accept the call, and routing the audio to a selected one of the first and second audio paths, and if an incoming call is not detected, but said switch means is operated, initiating a call, and routing the audio to a selected one of the first and second audio paths~~ responsive to operation of the first switch, initiating or accepting a call and routing the call on the first audio path; and

responsive to operation of the second switch, initiating or accepting a call and routing the call on the second audio path.

16. (Presently Amended) A method according to claim 15, ~~including further operation of the switch means in order to terminate the call~~ further comprising the steps of:

responsive to operation of the first switch during a call routed on the first audio path, terminating the call; and

responsive to operation of the second switch during a call routed on the second audio path, terminating the call.

17. (Presently Amended) A method according to claim 15, wherein the first ~~mentioned~~ switch ~~means~~ is located in the handset and ~~a~~ the second switch ~~means having similar functions~~ is located in the headset~~, and depending on which of the first and second switch means is operated, the audio is routed to the respective set~~.

18. (Presently Amended) A method according to claim 17, ~~comprising operating one switch means following operation of the other switch means, whereby to route the audio to the audio path not currently in use~~ further comprising the steps of;

responsive to operation of the first switch during a call routed on the second audio path, rerouting the call on the first audio path; and

responsive to operation of the second switch during a call routed on the first audio path, rerouting the call on the second audio path.

19. (New) A method according to claim 15, wherein initiating a call comprises one of accepting an incoming call and starting an outgoing call.

20. (New) A method according to claim 15, wherein at least one of the first and second switches are operated automatically via detection of use of the handset and/or headset, respectively.

21. (New) A method according to claim 15, wherein said step of automatically detecting comprises detecting proximity of the handset to a user's head via capacitance change as the handset is brought within vicinity of a user's head.

22. (New) A method according to claim 15, wherein said step of automatically detecting comprises detecting proximity of the handset to a user's head via infrared sensing.

23. (New) A method according to claim 15, wherein said step of automatically detecting comprises detecting proximity of the handset to a user's head via acoustic impedance sensing.

24. (New) A method according to claim 15, wherein said step of automatically detecting comprises detecting tension in a headband of the headset.